Title: Three-Dimensional Characterization Using a One-Dimensional Electrode Array
Inventor(s): Post et al.
Serial No. not yet assigned
Atty Docket No. CBA-003
Atty/Agent: Steven J. Frank/kb
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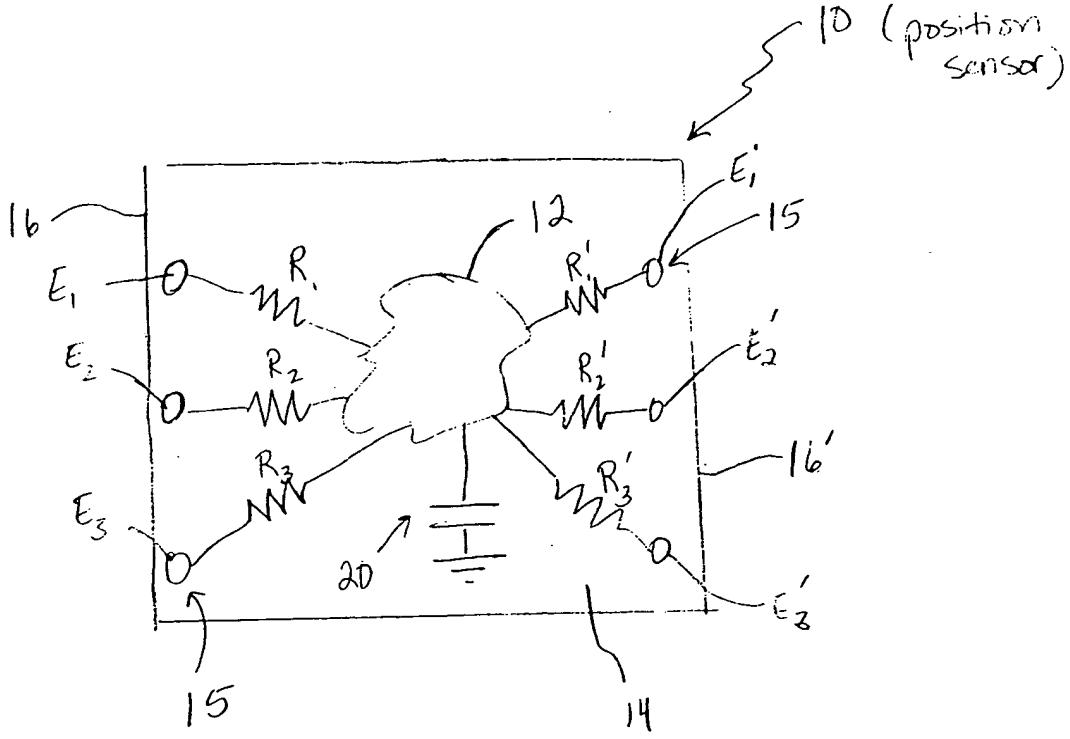


Figure 1

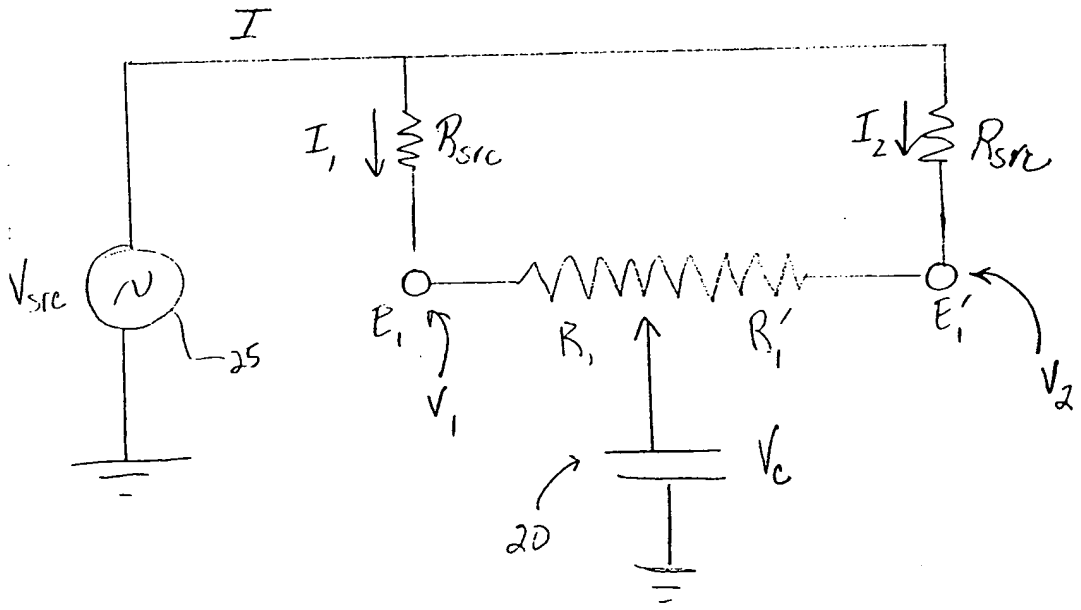
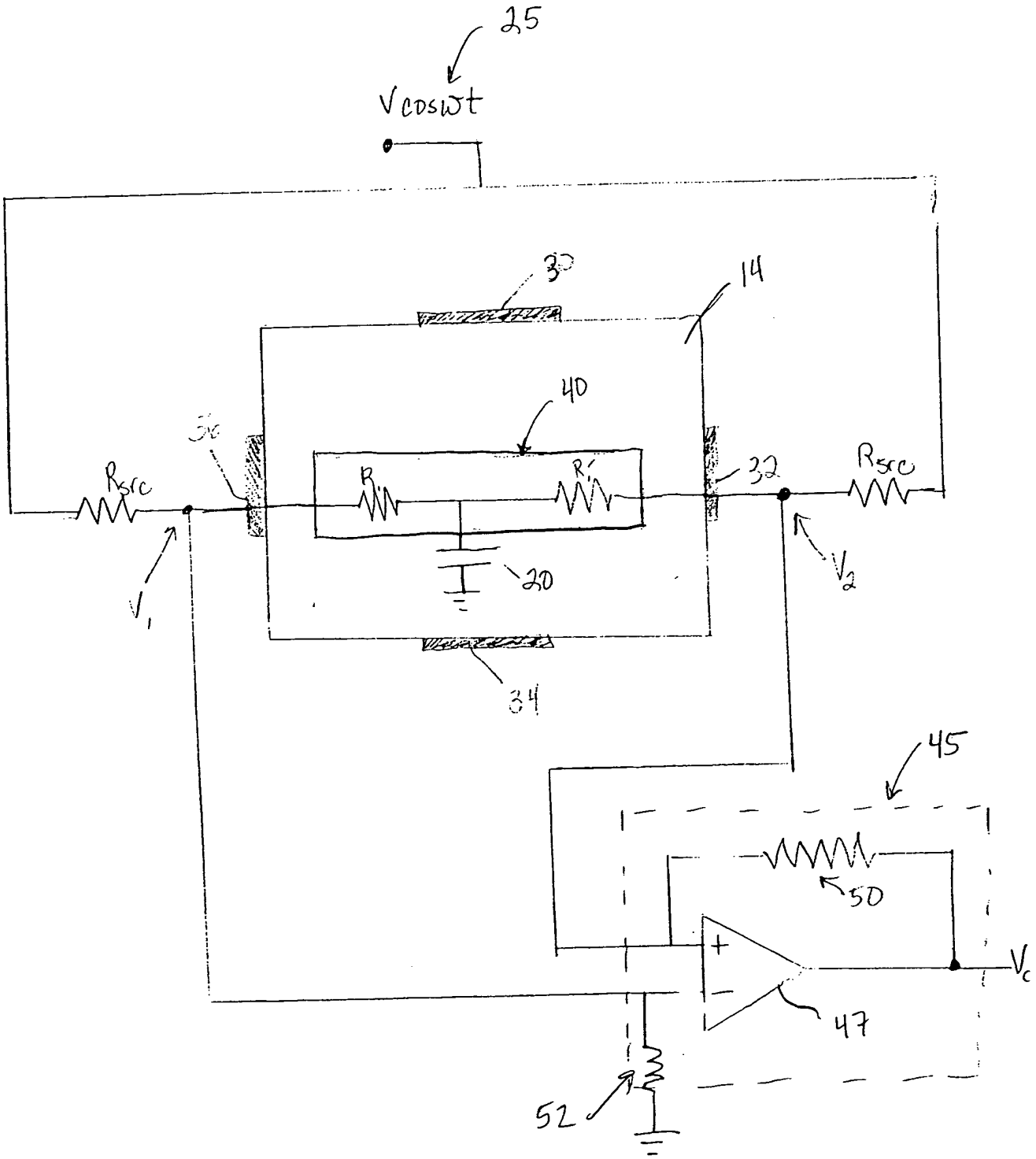


Figure 2



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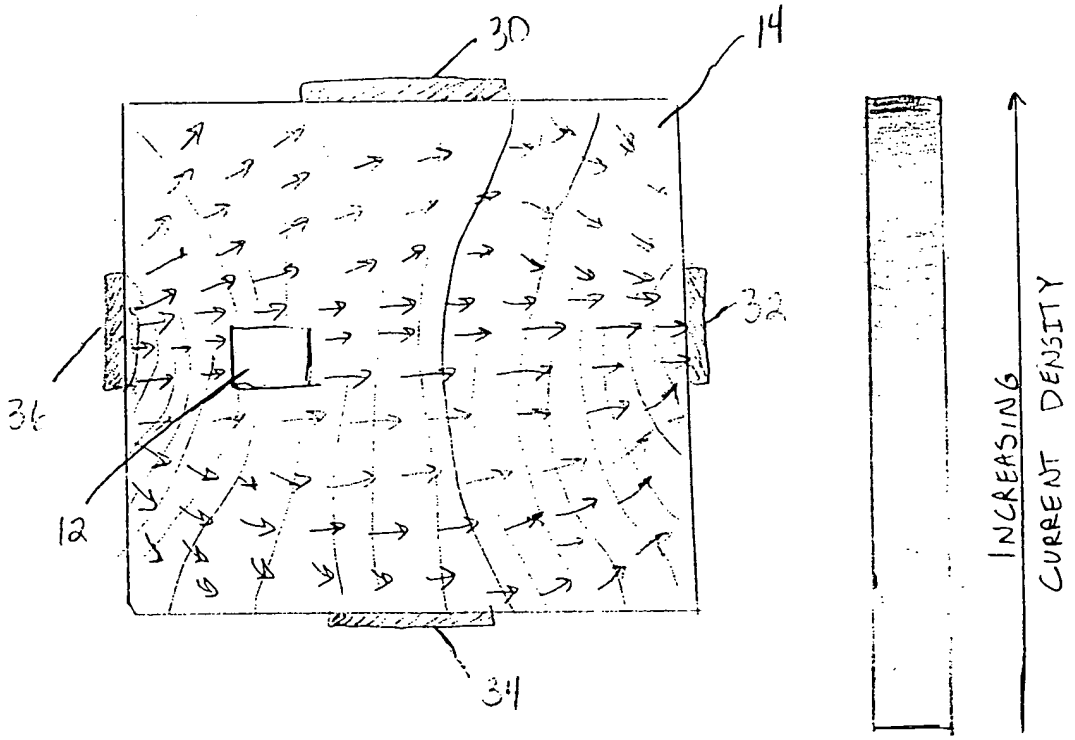

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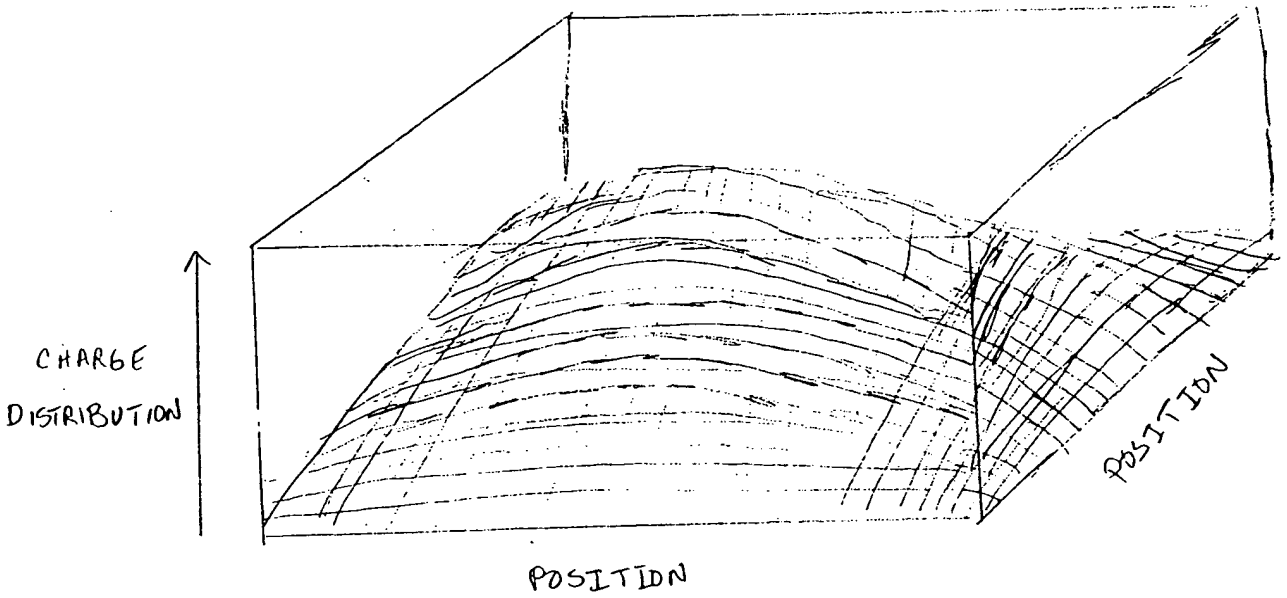

Figure 5A

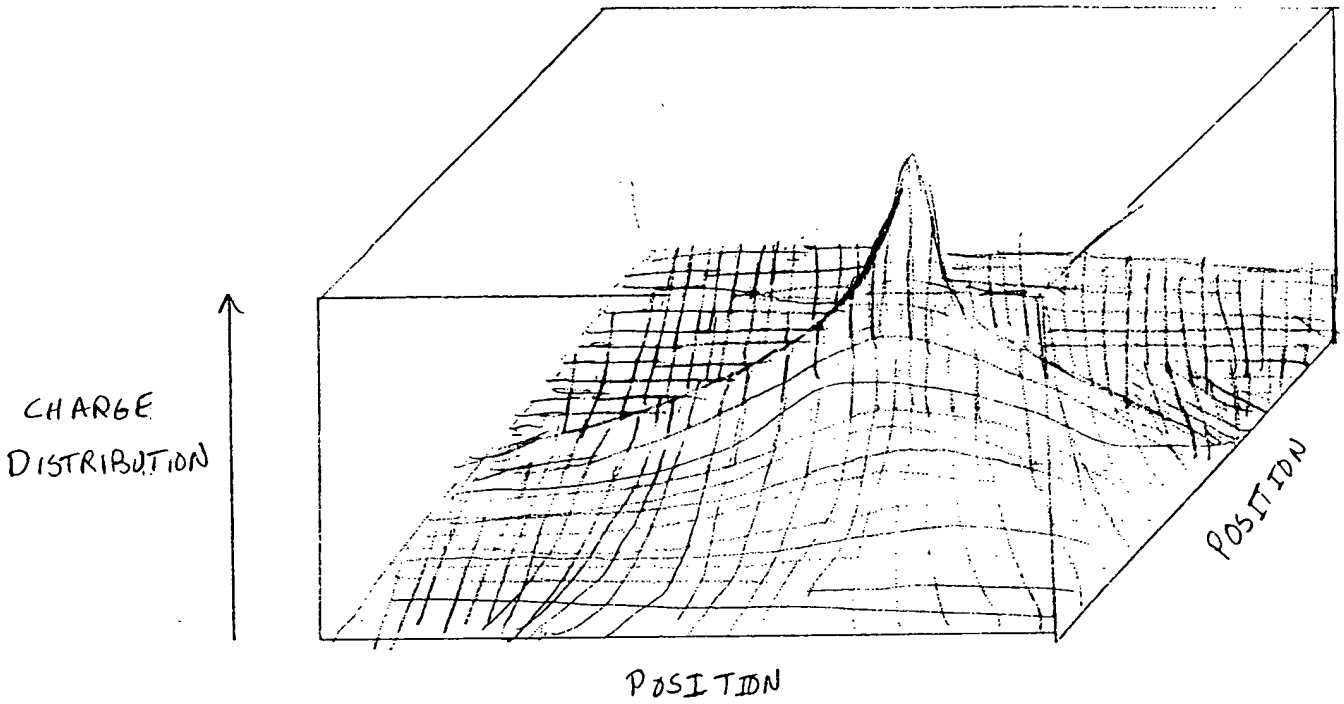

Figure 5B

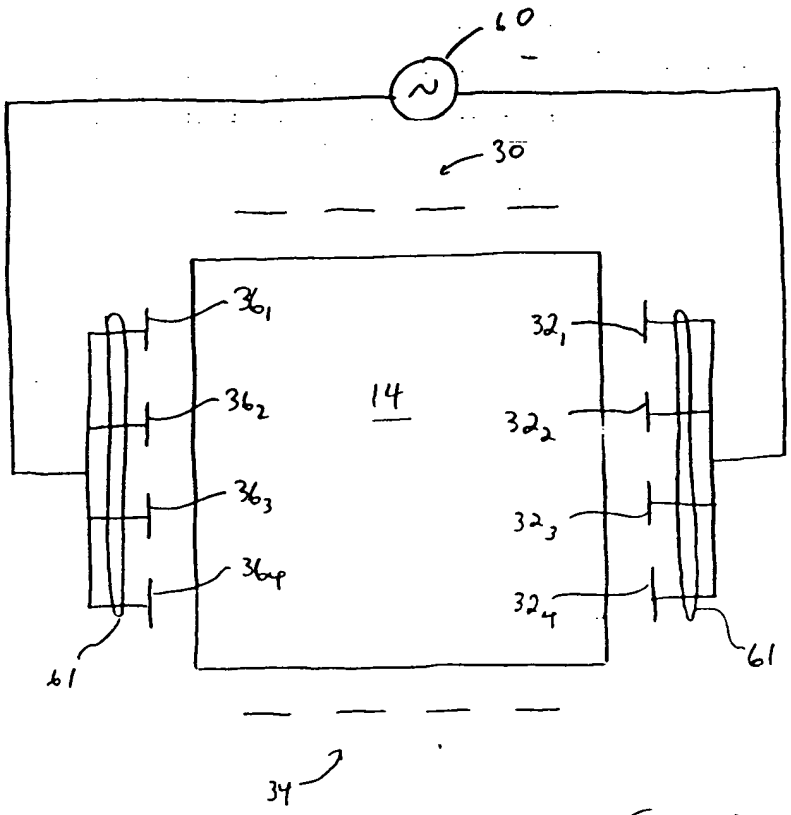
60
30
36_1
36_2
36_3
36_4
14
32_1
32_2
32_3
32_4
61
61
34

Fig. 6A

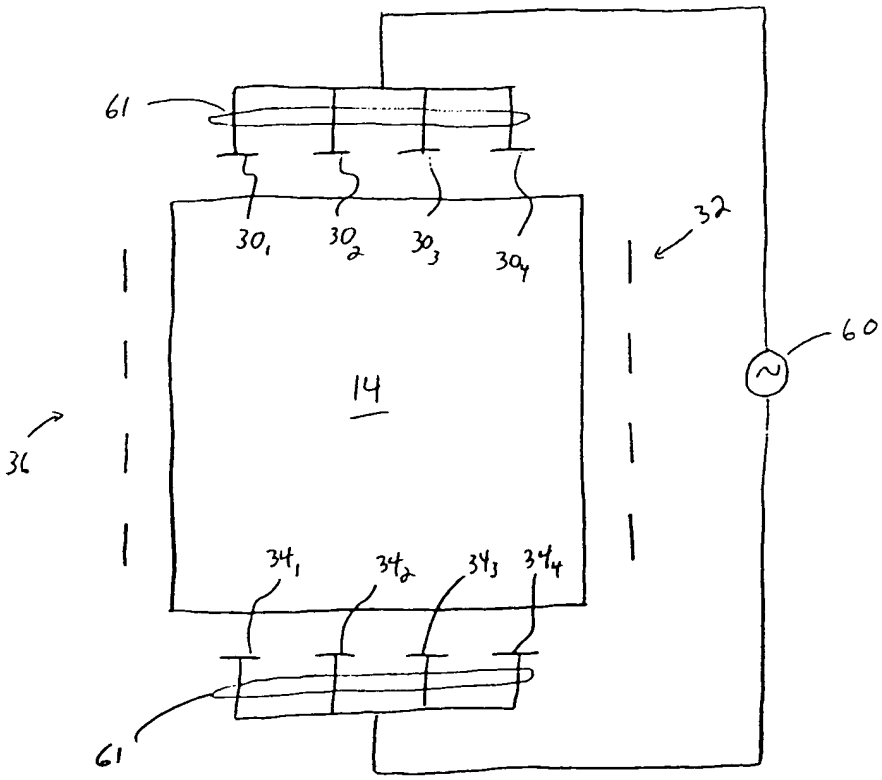
61
30_1
30_2
30_3
30_4
32
60
14
36
34_1
34_2
34_3
34_4
61

Fig. 6B

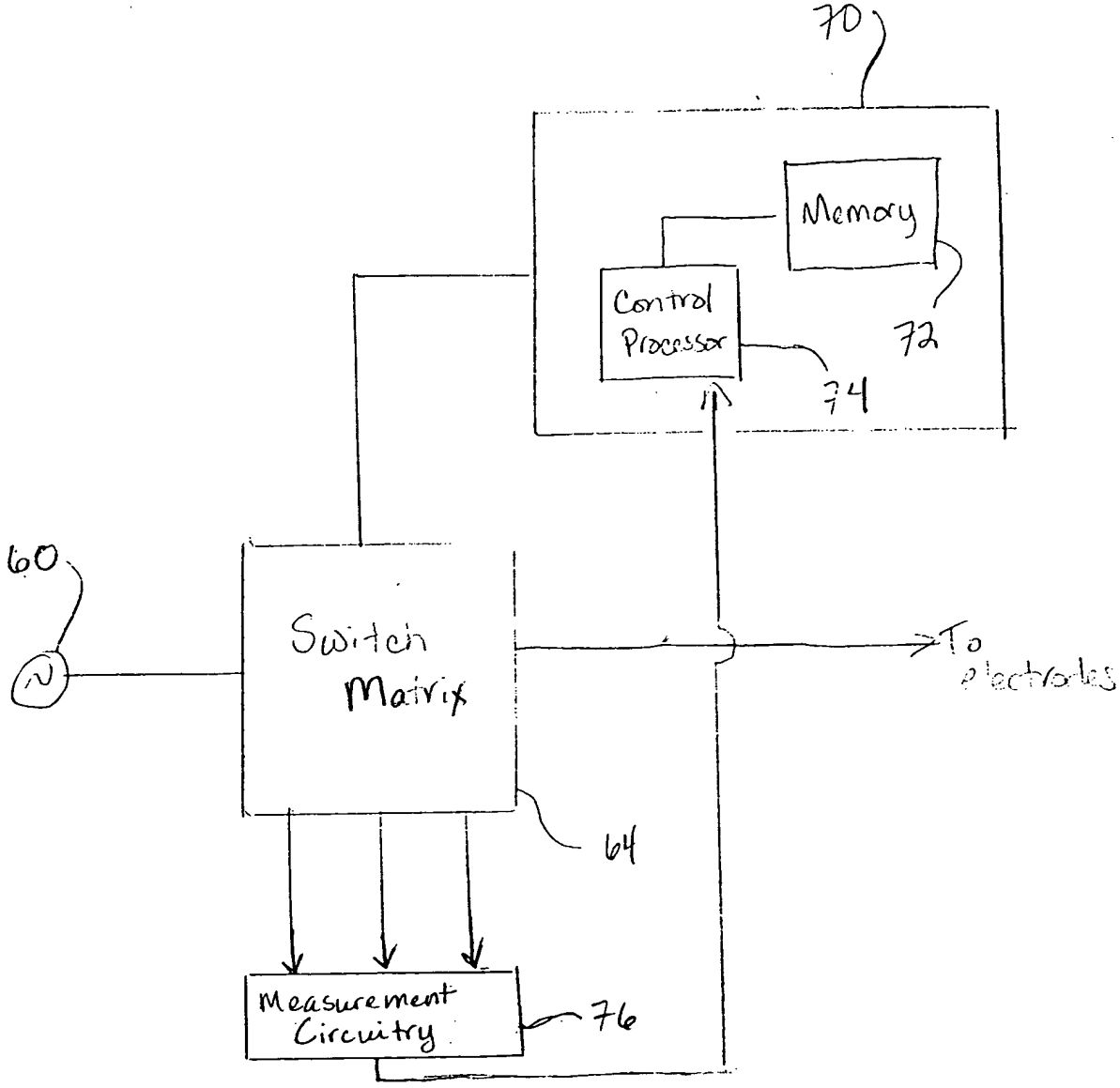
70
Memory
72
Control Processor
74
60
Switch Matrix
To electrodes
64
Measurement Circuitry
76

Figure 7

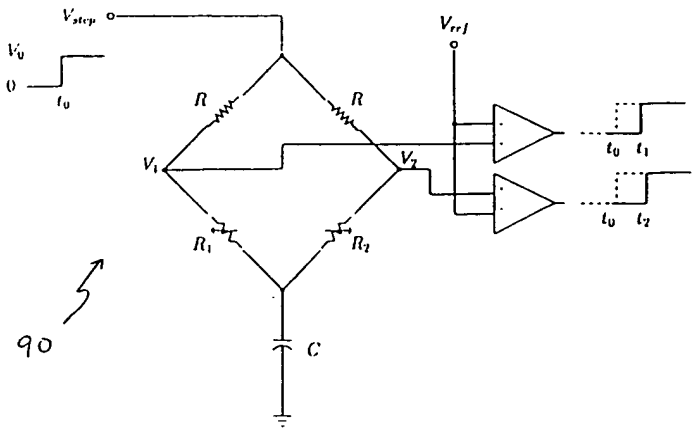
V_{step}
V_0
0
t_0
R
R
V_1
V_2
V_{ref}
t_0 t_1
t_0 t_2
R_1
R_2
90
C

Fig. 8

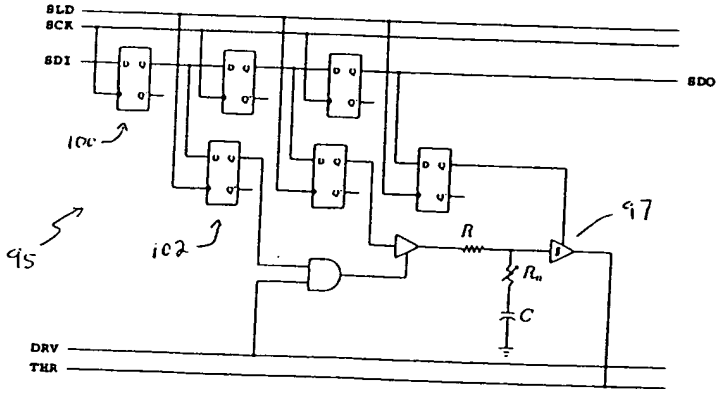
SLD
SCK
SDI
SDO
100
95
102
97
R
R_n
C
DRV
THR

Fig. 9